

Response to Office Action
SN 10/772,738
Customer No. 33354

AMENDMENTS TO THE SPECIFICATION:

Please replace paragraph [0001], [0002], [0014], and [0024] with the following amended paragraphs:

~~[0002]~~ [0001] CROSS-REFERENCE TO RELATED APPLICATIONS

This application claims the benefit of U.S. Patent Application 09/932,907 filed August 20, 2001, now U.S. Patent 6,746,473 which claims the benefit of U.S. Provisional Application No. 60/273,282 filed March 2, 2001.

~~[0004]~~ [0002] FIELD OF INVENTION

This invention relates generally to medical devices that employ lasers. More particularly, this invention relates to a treatment laser device that incorporates a scanning head to deliver a beam spot of any shape.

[0014] Referring to the drawings, there is illustrated a schematic of a hand-held laser device ~~designated generally as 10~~. The device includes at least one laser energy source 11, a power source 12, a laser control 13, a scanning head 14, and a scanner control 15. FIG. 1 shows the preferred embodiment in which a laser energy source 11 is connected to a power source 12. The power source preferably provides direct current, such as that provided by a battery, but may instead provide alternating current such as that provided by conventional building outlet power (120V) that is then converted to direct current. The power source 12 may be housed in the wand or may be deployed separately with an electrical cable joining it to the wand. ~~A control means~~ A laser control 13 is connected to

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the laser energy source 11 and acts as an on/off switch to control the period of time the laser light is generated. Other functions of the ~~control means~~ laser control 13 are mentioned below.

[0024] ~~Control means~~ Laser control 13 also forms a control circuit that controls the duration of each pulse of laser light emitted and the repetition rate. When there are no pulses, a continuous beam of laser light is generated. Repetition rates from 0 to 100,000 Hz may be employed to achieve the desired effect on the patient's tissue. The goal for LLLT regimen is to deliver laser energy to the target tissue utilizing a pulse width short enough to sufficiently energize the targeted tissue and avoid thermal damage to adjacent tissue.